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SERIAL NUMBER	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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08/818.245 03/14/97 OGINO

H B208-629-CON

26M2/0930

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EXAMINER

ART UNIT PAPER NUMBER

2616

DATE MAILED: 09/30/97

This is a communication from the examiner in charge of your application.
COMMISSIONER OF PATENTS AND TRADEMARKS

☒ This application has been examined ☒ Responsive to communication filed on 9/4/97 ☐ This action is made final.

A shortened statutory period for response to this action is set to expire 3 month(s), days from the date of this letter.
Failure to respond within the period for response will cause the application to become abandoned. 35 U.S.C. 133

Part I THE FOLLOWING ATTACHMENT(S) ARE PART OF THIS ACTION:

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited by Examiner, PTO-892. | 2. <input type="checkbox"/> Notice of Draftsman's Patent Drawing Review, PTO-948. |
| 3. <input type="checkbox"/> Notice of Art Cited by Applicant, PTO-1449. | 4. <input type="checkbox"/> Notice of Informal Patent Application, PTO-152. |
| 5. <input type="checkbox"/> Information on How to Effect Drawing Changes, PTO-1474. | 6. <input type="checkbox"/> |

Part II SUMMARY OF ACTION

1. ☒ Claims 3-4, 7, 38-44 are pending in the application.

Of the above, claims are withdrawn from consideration.

2. ☐ Claims have been cancelled.

3. ☒ Claims 3-4, 7 are allowed.

4. ☒ Claims 38-44 are rejected.

5. ☐ Claims are objected to.

6. ☐ Claims are subject to restriction or election requirement.

7. ☐ This application has been filed with Informal drawings under 37 C.F.R. 1.85 which are acceptable for examination purposes.

8. ☐ Formal drawings are required in response to this Office action.

9. ☐ The corrected or substitute drawings have been received on Under 37 C.F.R. 1.84 these drawings are ☐ acceptable; ☐ not acceptable (see explanation or Notice of Draftsman's Patent Drawing Review, PTO-948).

10. ☐ The proposed additional or substitute sheet(s) of drawings, filed on has (have) been ☐ approved by the examiner; ☐ disapproved by the examiner (see explanation).

11. ☐ The proposed drawing correction, filed has been ☐ approved; ☐ disapproved (see explanation).

12. ☐ Acknowledgement is made of the claim for priority under 35 U.S.C. 119. The certified copy has ☐ been received ☐ not been received
☐ been filed in parent application, serial no. ; filed on

13. ☐ Since this application appears to be in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11; 453 O.G. 213.

14. ☐ Other

EXAMINER'S ACTION

Art Unit: 2616

1. Applicant's arguments filed 9/4/97 have been fully considered but they are not deemed to be persuasive.

In the remarks, applicant has argued in substance that:

Regarding claim 38, in Sasaki's camera, it is necessary to store not only image data but also reference information in the memory medium, and does not show that only the image information is stored in the memory, and that reference information for a predetermined processing is formed on the basis of the image signal produced from the recording medium on pages 3-5 of the amendment.

In the reply examiner states the following:

The examiner does not agree with the remarks, Sasaki et al. does show reproducing means in fig. 11, col. 9, line 36 to col. 10, line 40, CPU 102 controls signal processing information based on information which was readout, which is considered reference information. Storing only the image information in the memory, as argued, is not supported in the claim language, see 37 CFR 1.111.

Further, examiner suggest In reproduction, reference video signal is taken, and it is reproduced to obtain WB control data, which is used to determine the gain, and when the other video signals are reproduced, WB control is performed by using this WB

Art Unit: 2616

data, from specification, page 28, lines 3-9, which is further described on pages 28-30, should be included in claim 38.

2. Rejection of claims 38-44 under 35 U.S.C. § 112, second paragraph, is hereby withdrawn in view of the amendment to claim

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --
(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 38-44 are rejected under 35 U.S.C. § 102(b) as being anticipated by Sasaki et al. U.S. Patent 5,034,804.

As to claim 38, Sasaki shows (fig. 1, 2, 6A, 6B, 9B, 9E and 11; col. 6, line 11 to col. 9, line 35; col. 9, line 35 to col. 10, line 40) an image processing system, comprising;

Memory means, a memory card 15 capable of storing the image signal with the condition information. The second memory being detachably attached to the apparatus (see figs. 6A, 6B; col. 7,

Art Unit: 2616

line 60 to col. 8, line 68; specifically col. 8, lines 47-50;
col. 4, lines 8-11);

Reproducing means for reproducing the image signal stored by the memory means (see col. 9, lines 35-38).

Producing means for producing reference information representing a reference for a predetermined processing on the image signal on the basis of the image signal reproduced by the reproducing means (see fig. 11; col. 9, line 35 to col. 10, line 40; specifically col. 9, lines 52-55, col. 10, lines 11-13). CPU 102 controls signal processing information based on information which was readout, which is considered reference information.

As to claim 39, Sasaki further shows, signal processing means CPU 102 for performing a predetermined processing on the image signal reproduced by the reproducing means on the basis of the reference information (see col. 9, lines 52-55, col. 10, lines 11-13).

As to claim 40, Sasaki further shows, holding means, frame memory 95, for holding the reference information, signal processing means performing a processing on image signals other than the image signal used to produce the reference information, on the basis of the reference information held by the holding means buffer memory 95 (see col. 9, lines 52-55, col. 10, lines 11-13).

Art Unit: 2616

As to claim 41, Sasaki further shows designating means (CPU 102) for designating a reference signal from among image signals stored in the memory (see col. 9, lines 40-46, file number is reference signal).

As to claim 42, Sasaki further shows, reference signal (file number), designated by the designating means (keyboard 104, col. 9, lines 40-46).

As to claim 43, Sasaki further shows, holding means, frame memory 95, for holding the reference information, signal processing means performing a processing on image signals other than the reference signal on the basis of the reference information held by the holding means buffer memory 95 (see col. 9, lines 52-55, col. 10, lines 11-13).

As to claim 44, Sasaki further shows, displaying means for displaying an image associated with an image signal outputted from the signal processing means (see col. 10, lines 21-40; fig. 11, item 107).

5. Claims 7, 3 and 4 are allowable over the prior art of record.

6. The following is an Examiner's statement of reasons for the indication of allowable subject matter:

Control information is copied from second memory means to the first memory means when the second memory means is removed

Art Unit: 2616

from the apparatus. When third memory means is attached to the apparatus, control information copied from second memory means to first memory means is copied from first memory means to third memory means, in combination with other limitations of claim is not shown or suggested by the prior art.

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for response to this final action is set to expire THREE MONTHS from the date of this action. In the event a first response is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event will the statutory period for response expire later than SIX MONTHS from the date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Bipin Shalwala whose telephone number is (703) 305-4938.

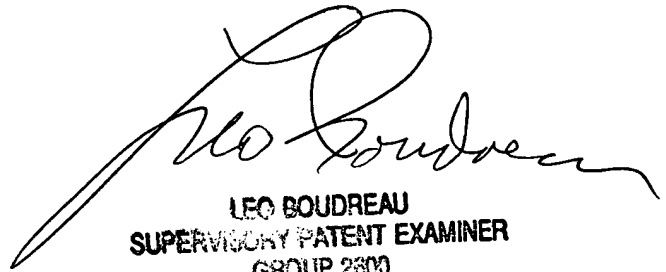
Serial Number: 08/818,245

Page 7

Art Unit: 2616

Any inquiry of a general nature or relating to the status of this application should be directed to the Group receptionist whose telephone number is (703) 305-3900.

Ph


LEO BOUDREAU
SUPERVISORY PATENT EXAMINER
GROUP 2600